

**Solve each problem.****Answers**

- 1) Write your answer as a mixed number (if possible).

$$4 \frac{3}{6} - \frac{10}{3} =$$

- 3) Write the answer as an improper fraction (if possible). Make sure to reduce each answer.

$$\frac{9}{5} \times \frac{1}{3} =$$

- 5) Find the value of the variable.

$$98 - J = 9 \times 6$$

- 7) Simplify the expression.
 $7(7+5v)+9v$

9) $\frac{\quad}{32} = \frac{75}{100}$

- 11) Find the value of W.
 $3 = 6 \div W$

13) $18 \div 3 \times (7 - 4 \times 7 + 3) + 5$

- 2) Write your answer as a mixed number (if possible).

$$5 \frac{2}{5} - \frac{21}{4} =$$

- 4) Find the value of the variable.
 $22 + 20 = K - 42$

6) $2 \times 8 + 9 + (5^3 - 6)$

- 8) Make an equivalent ratio.
 $\quad : 54 = 3 : 9$

10) Find the value of M.
 $85 + M = 94$

- 12) Find the value of W.
 $W - 28 = 60$

14) $95 \div 5 \times (5 - 1 \times 2 + 4) + 8$

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____



Solve each problem.

15) $(-7) + (-6) =$ _____

16) $(-85) - (-74) =$ _____

17) $46 + (-23) =$ _____

18) $(-9) \times 7 =$ _____

19) $-16 \div (-8) =$ _____

- 20) A container with $2\frac{1}{2}$ gallons of weed killer can spray $2\frac{1}{5}$ lawns. How many gallons would it take to spray 5 lawns?

**Solve each problem.**

- 1) Write your answer as a mixed number (if possible).

$$4 \frac{3}{6} - \frac{10}{3} =$$

- 3) Write the answer as an improper fraction (if possible). Make sure to reduce each answer.

$$\frac{9}{5} \times \frac{1}{3} =$$

$$\frac{9}{5} \times \frac{1}{3} = \frac{9}{15}$$

- 5) Find the value of the variable.

$$98 - J = 9 \times 6$$

- 7) Simplify the expression.

$$7(7+5v)+9v$$

$$49+35v+9v$$

$$49+44v$$

9) $\frac{24}{32} = \frac{75}{100}$

- 11) Find the value of W.

$$3 = 6 \div W$$

13) $18 \div 3 \times (7 - 4 \times 7 + 3) + 5$

- 2) Write your answer as a mixed number (if possible).

$$5 \frac{2}{5} - \frac{21}{4} =$$

- 4) Find the value of the variable.

$$22 + 20 = K - 42$$

6) $2 \times 8 + 9 + (5^3 - 6)$

$$2 \times 8 + 9 + (125 - 6)$$

$$2 \times 8 + 9 + 119$$

$$16 + 9 + 119$$

$$25 + 119$$

$$144$$

- 8) Make an equivalent ratio.

$$\underline{18} : 54 = 3 : 9$$

- 10) Find the value of M.

$$85 + M = 94$$

- 12) Find the value of W.

$$W - 28 = 60$$

14) $95 \div 5 \times (5 - 1 \times 2 + 4) + 8$

Answers

1. $1 \frac{1}{6}$

2. $\frac{3}{20}$

3. $\frac{9}{15} = \frac{3}{5}$

4. **84**

5. **44**

6. **144**

7. **49+44v**

8. **18**

9. **24**

10. **9**

11. **2**

12. **88**

13. **-103**

14. **141**

15. **-13**

16. **-11**

17. **23**

18. **-63**

19. **2**

20. $5 \frac{15}{22}$



Solve each problem.

15) $(-7) + (-6) =$ -13

16) $(-85) - (-74) =$ -11

17) $46 + (-23) =$ 23

18) $(-9) \times 7 =$ -63

19) $-16 \div (-8) =$ 2

- 20) A container with $2\frac{1}{2}$ gallons of weed killer can spray $2\frac{1}{5}$ lawns. How many gallons would it take to spray 5 lawns?